



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF

SE-5J

REC 01 200

VIA FACSIMILE (312) 360-9340
AND U.S. MAIL

EPA Region 5 Records Ctr.



226745

Mr. Alfred D'Ancona
D'Ancona and Company
111 West Jackson Street, Suite 1044
Chicago, Illinois 60604

RE: Walkover Survey of Parking Lot at 245 East Ohio, Chicago,
Illinois

Dear Mr. D'Ancona:

On September 28-29, 2000, U.S. EPA conducted a radiation walkover survey of your parking lot at 245 East Ohio to determine whether there were any elevated radiation readings at the surface that might indicate the presence of subsurface radioactive materials. There were elevated readings in three locations. One of these is distinctly elevated from background levels and is towards the west side of the lot, in the parking spaces near the building wall. The other two seem to be small and are near the south-center of the lot and on the southeast corner of the lot, along the barricade.

Our procedure for conducting the walkover survey was to first walk, with the probe about 6 inches off the ground, the entire area along parallel lines about 3 - 4 feet apart, assessing background levels by looking at the lowest readings and looking for spots and regions of elevated radiation levels. We then took, for the record, 30 second counts, on contact with the ground, at regular intervals (in the center of each parking space and down the centerline of the driveway) to quantify the exposure environment. We also took readings at selected spots where initial readings were distinct from background levels. Furthermore, we took exposure rate measurements around the hot dog restaurant and in the attendants booth.

Readings ranged from 1,890 counts per 30 seconds to 4,225 counts per 30 seconds. Spots along the west side reached as high as 16,061 counts per 30 seconds. All readings were on contact. Exposure rate measurements ranged from 5 to 6 micro-Roentgen per hour.



This survey indicates that radioactive material is present under the asphalt in one area definitely and two other areas possibly. The levels around the hot dog restaurant and in the attendant's booth are levels we consider normal background. None of these areas pose an immediate health hazard but the risk for contamination of people and equipment would rise appreciably if the asphalt were removed. Shielding by the asphalt and any fill will reduce count rates and emissions from any underlying radioactive material could be difficult or impossible to detect. Moreover, removing the asphalt covering and spreading the soil over a larger area of the parking lot or to other locations could greatly expand the area of concern

If you decide to remove the asphalt, contact us prior to its removal so that we may observe your radiation surveillance and sampling for radionuclide identification and quantification or take our own measurements and sampling. Radiation surveillance should be conducted under a health and safety plan with disposal of any radioactive materials at a regulated disposal facility.

To help us better understand the conditions on this property, we would appreciate being furnished a copy of the environmental report prepared by Schrack Environmental.

Specific detection equipment used during this survey were a probe called a Bicron FIDLER Model G5 (S/N B089D), Ludlum Model 19 (S/N 66599), and the Ludlum Model 2221 survey meter (S/N 115168). These meters were calibrated on February 2, 2000, and February 3, 2000, respectively.

If you would like to discuss this matter further, please contact me at (312) 886-3601, or Fred Micke, On-Scene Coordinator, at (312) 886-5123, or Larry Jensen, Health Physicist, at (312) 886-5026. Please direct any legal questions to Mary Fulghum, Associate Regional Counsel, at (312) 886-4683.

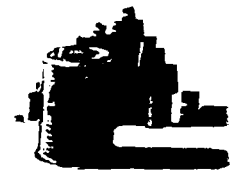
Sincerely,



Verneta Simon
On-Scene Coordinator

cc: Naren Prasad, City of Chicago - Department of Environment

bcc: Mary Fulghum C-14J
Larry Jensen, SE-5J
Derrick Kimbrough, SE-5J
Cathleen Martwick, C-14J
Fred Micke, SE-5J
Linda Nachowicz, SE-5J
Debbie Regel, SE-5J



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
EMERGENCY RESPONSE BRANCH
Mail Code: SE-5J

FACSIMILE COVER PAGE

PHONE: (312) 353-2318
FAX: (312) 353-9176

DATE: 12/1/00
TO: Alfred D'Ancona
ORGANIZATION: D'Ancona & Company
FAX NUMBER: (312) 360-9340
FROM: Vernetta Simon
SUBJECT: 245 East Ohio

NUMBER OF PAGES TO FOLLOW (INCLUDING COVER SHEET): 3
MESSAGE:



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PHONE: (312) 353-2318
FAX: (312) 353-9176

DATE: 12/1/00
TO: Naren Prasad
ORGANIZATION: CDOE
FAX NUMBER: (312) 744-6451
FROM: Veereta Simon
SUBJECT: 245 East Ohio

NUMBER OF PAGES TO FOLLOW (INCLUDING COVER SHEET): 3
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*** TRANSMISSION REPORT ***

DEC-01-00 13:57 ID:

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INFORMATION CODE OK
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REGION 5
EMERGENCY RESPONSE BRANCH
Mail Code: SE-5J

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PHONE: (312) 353-2318
FAX: (312) 353-9176

DATE: 12/1/00
TO: Alfred D'Ancona
ORGANIZATION: D'Ancona & Company
FAX NUMBER: (312) 360-9340
FROM: VERNETA SIMON
SUBJECT: 245 East Ohio
NUMBER OF PAGES TO FOLLOW (INCLUDING COVER SHEET): 3
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*** TRANSMISSION REPORT ***

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LAST SUCCESSFUL PAGE 003



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EMERGENCY RESPONSE BRANCH
Mail Code: SE-5J

FACSIMILE COVER PAGE

PHONE: (312) 353-2318
FAX: (312) 353-9176

DATE: 12/1/00
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SUBJECT: 245 East Ohio
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PHONE: (312) 353-2318
FAX: (312) 353-9176

DATE: 12/21/00
TO: Dan White
ORGANIZATION: Kerr McGee
FAX NUMBER: (405) 270-3787
FROM: Verneta Simon
SUBJECT: 245 East Ohio

NUMBER OF PAGES TO FOLLOW (INCLUDING COVER SHEET): 3
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CONFIRMATION REPORT

01-16-01 05:31P

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NAME: USEPA REGION 5

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